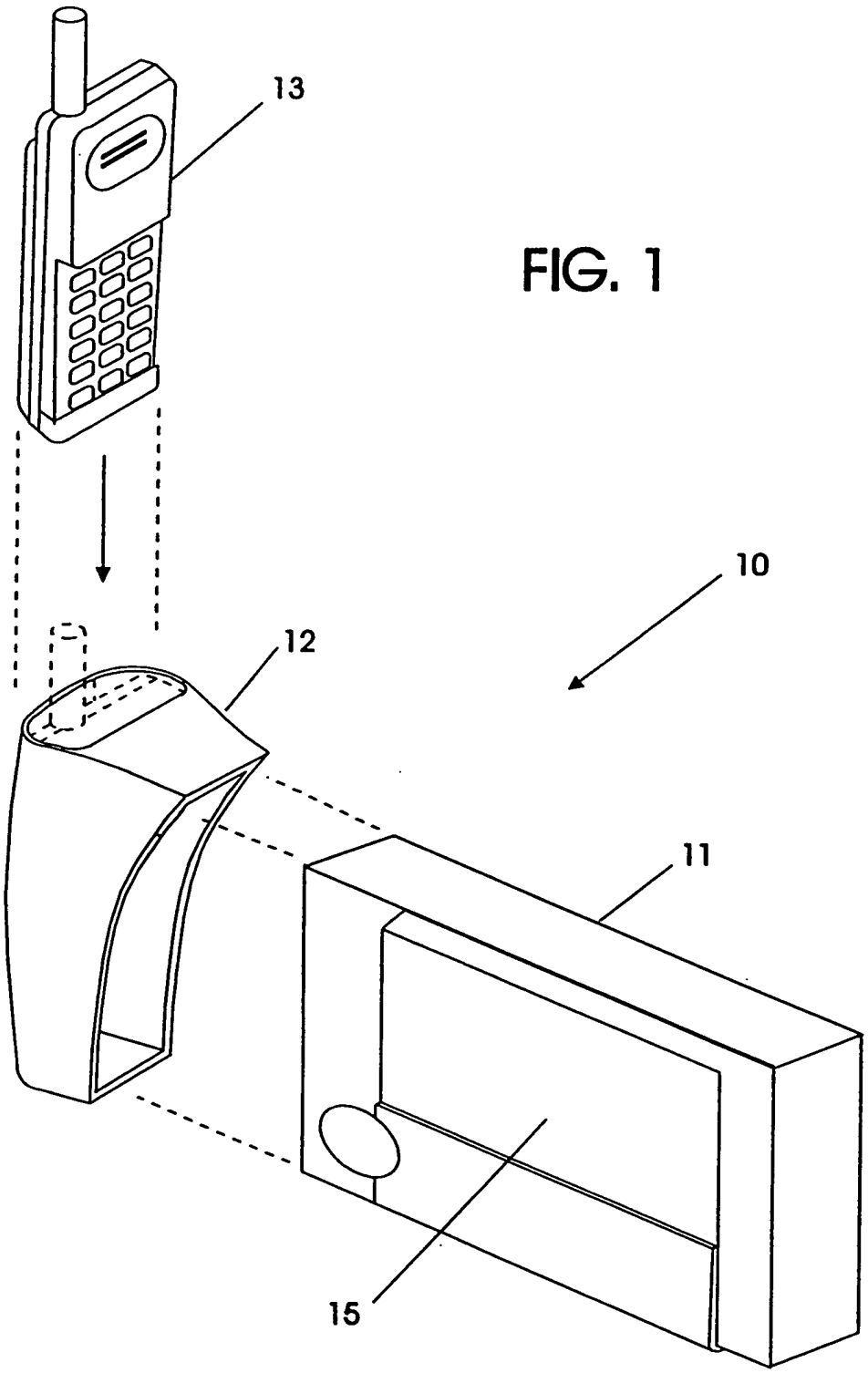
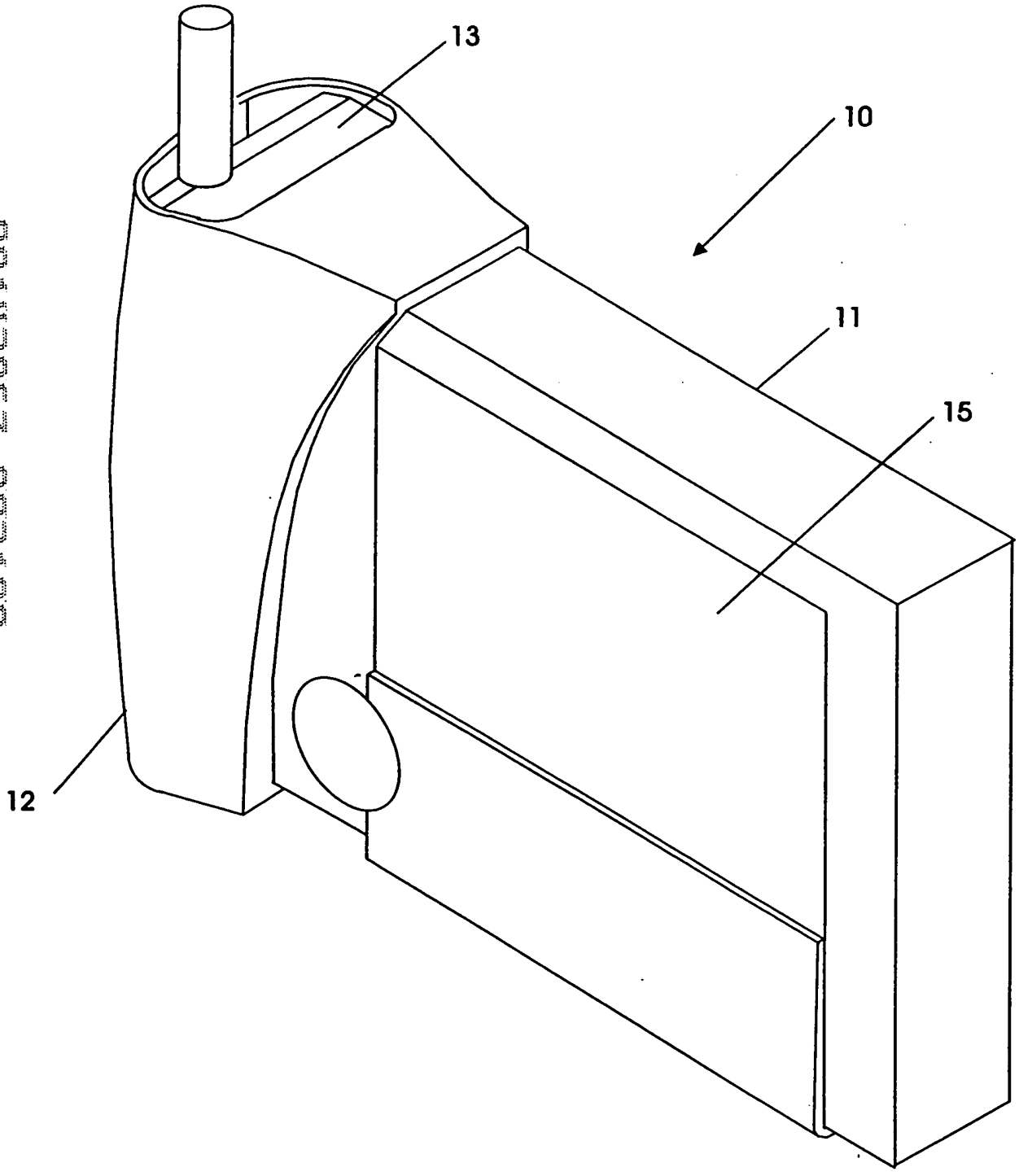


FIG. 1

09/459,567 - 082199

FIG. 2



09543567 - 050196

FIG. 3

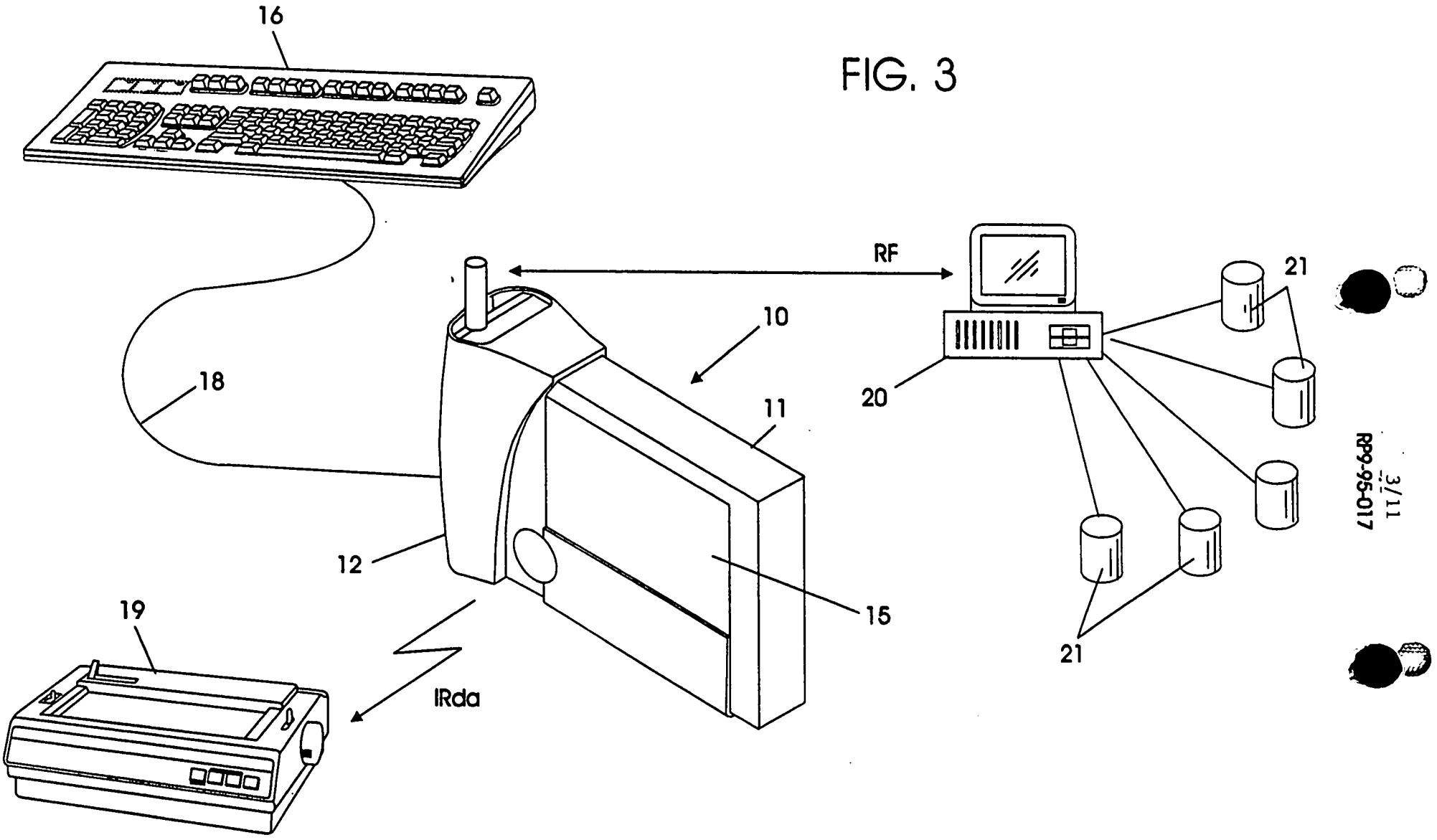


FIG. 4

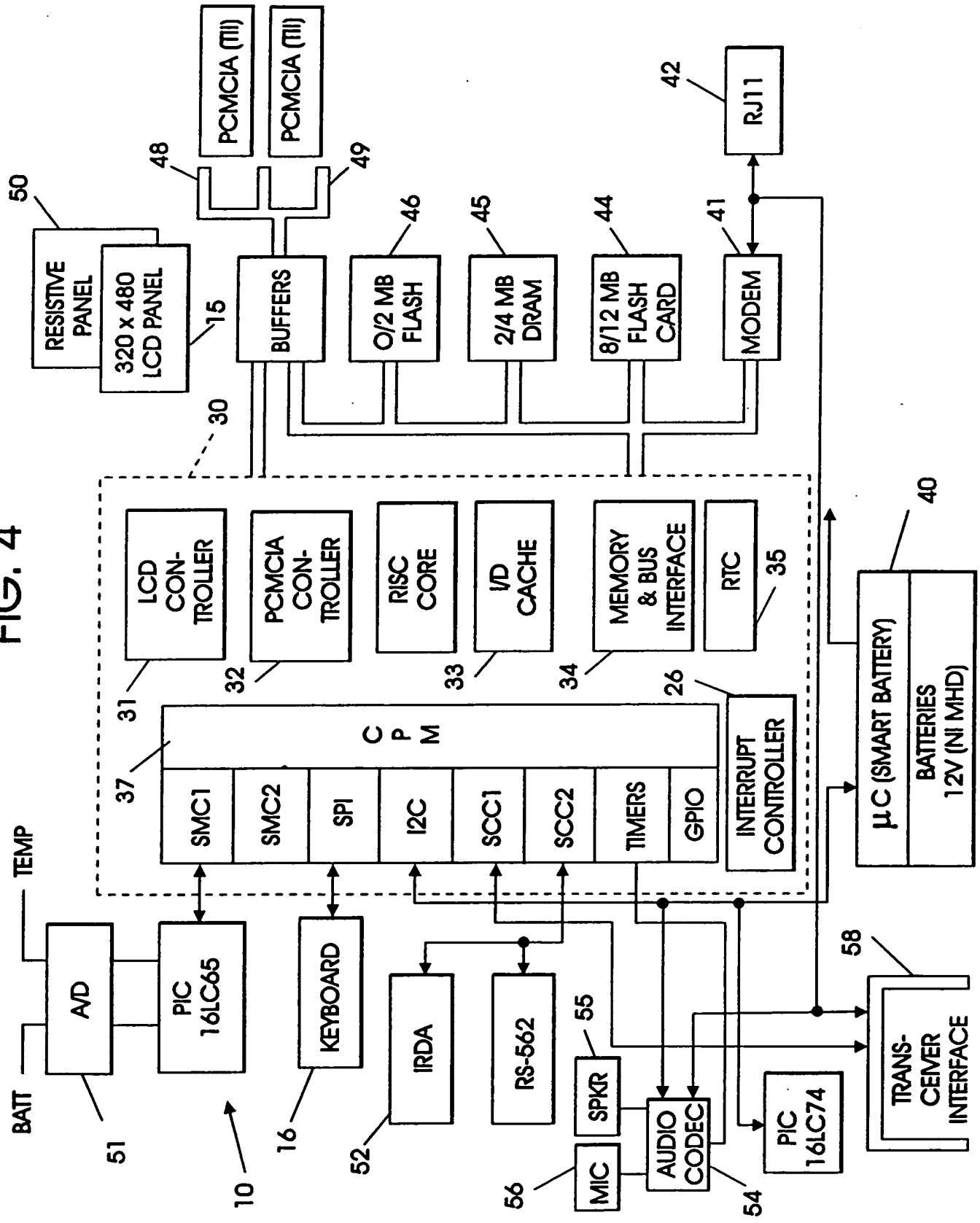

PCMCIA (III)
PCMCIA (III)
RJ11
RESISTIVE PANEL
320 x 480 LCD PANEL
BUFFERS
0/2 MB FLASH
2/4 MB DRAM
8/12 MB FLASH CARD
MODEM
LCD CON-TROLLER
PCMCIA CON-TROLLER
RISC CORE
I/D CACHE
MEMORY & BUS INTERFACE
RTC
CPM
SMC1
SMC2
SPI
I2C
SCC1
SCC2
TIMERS
GPIO
INTERRUPT CONTROLLER
µC (SMART BATTERY)
BATTERIES 12V (NI MHD)
TEMP
BATT
A/D
PIC 16LC65
KEYBOARD
IRDA
RS-562
SPKR
MIC
AUDIO CODEC
PIC 16LC74
TRANS-CEIVER INTERFACE
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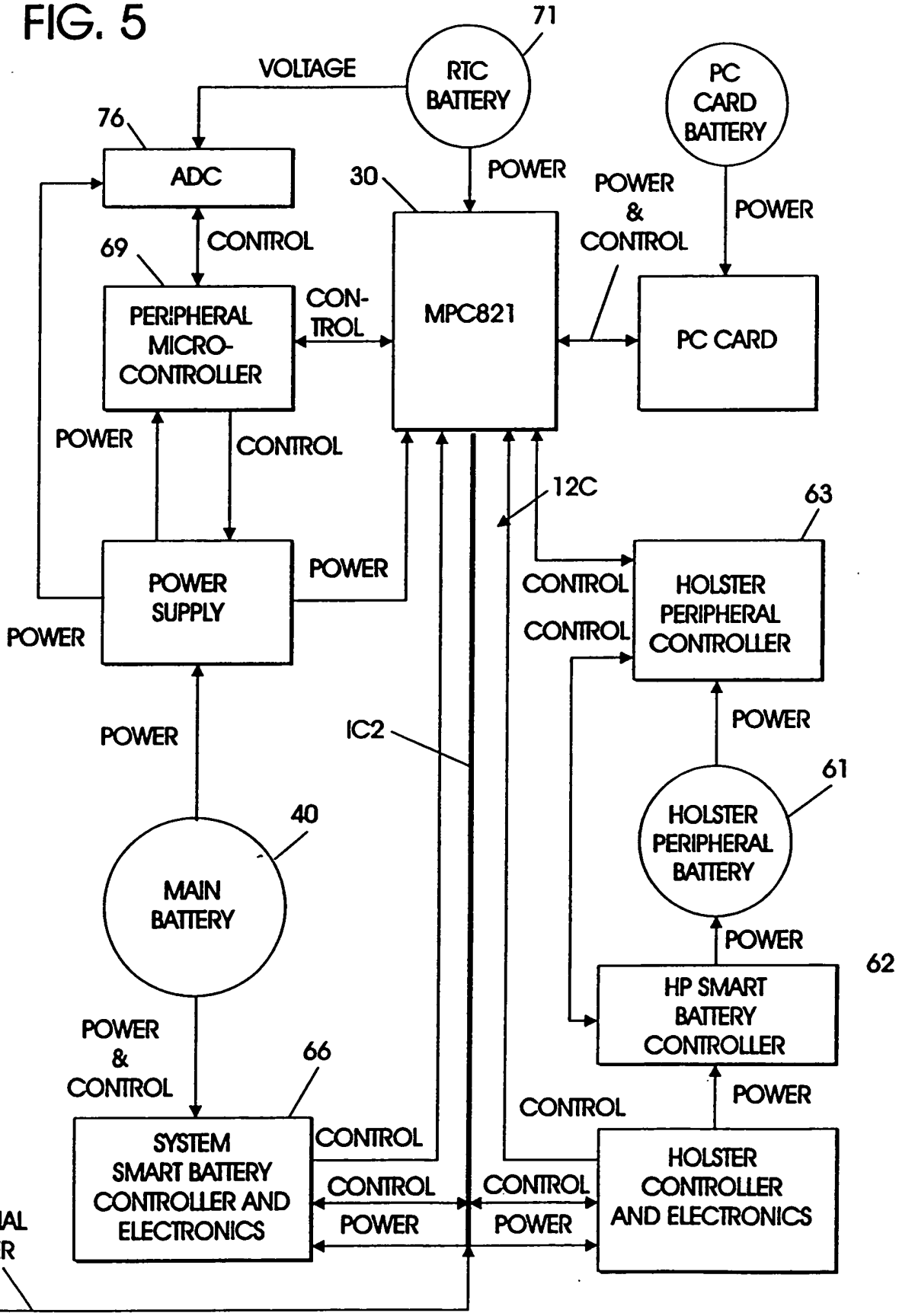
FIG. 5



0054956v.0

FIG. 6

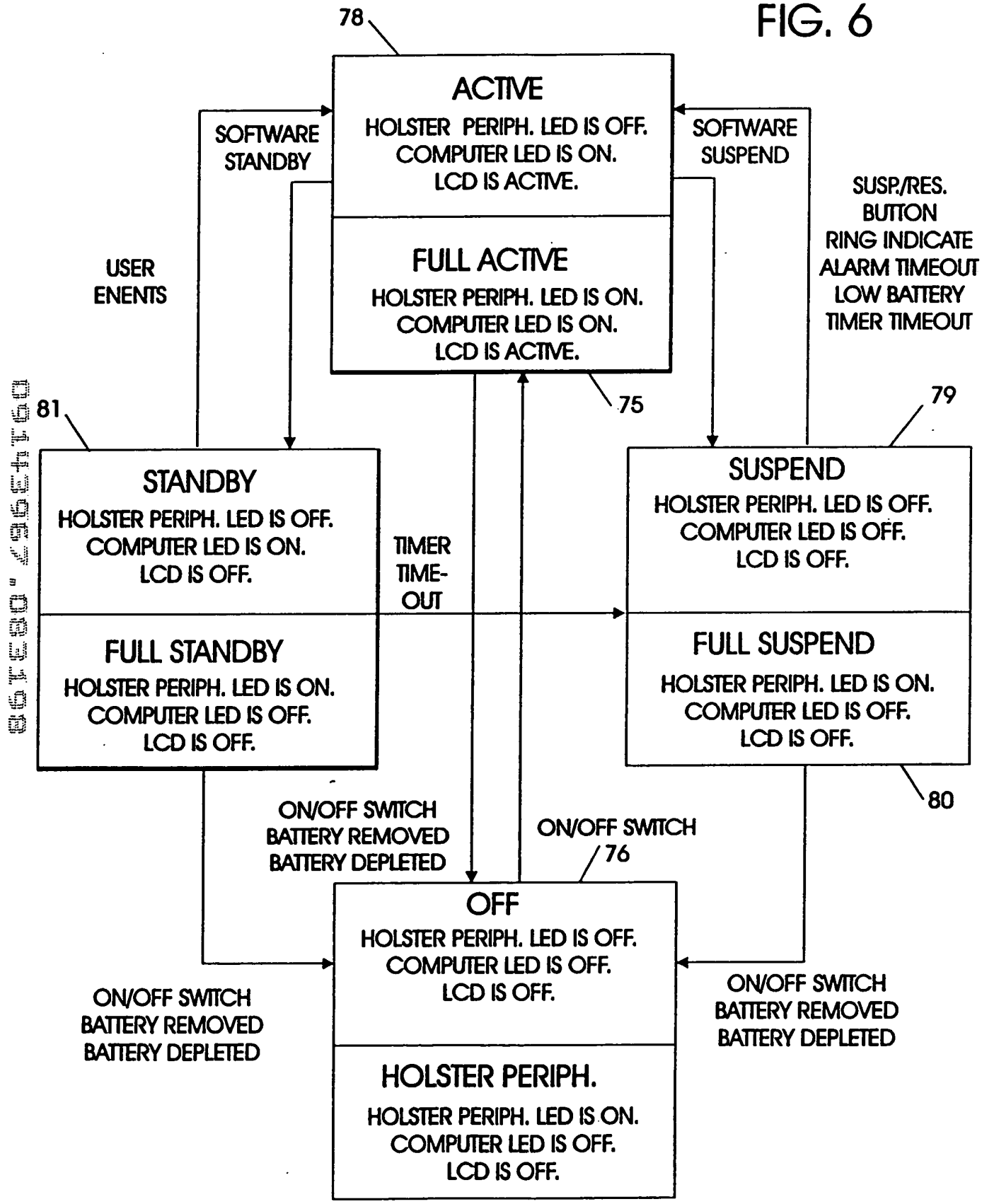
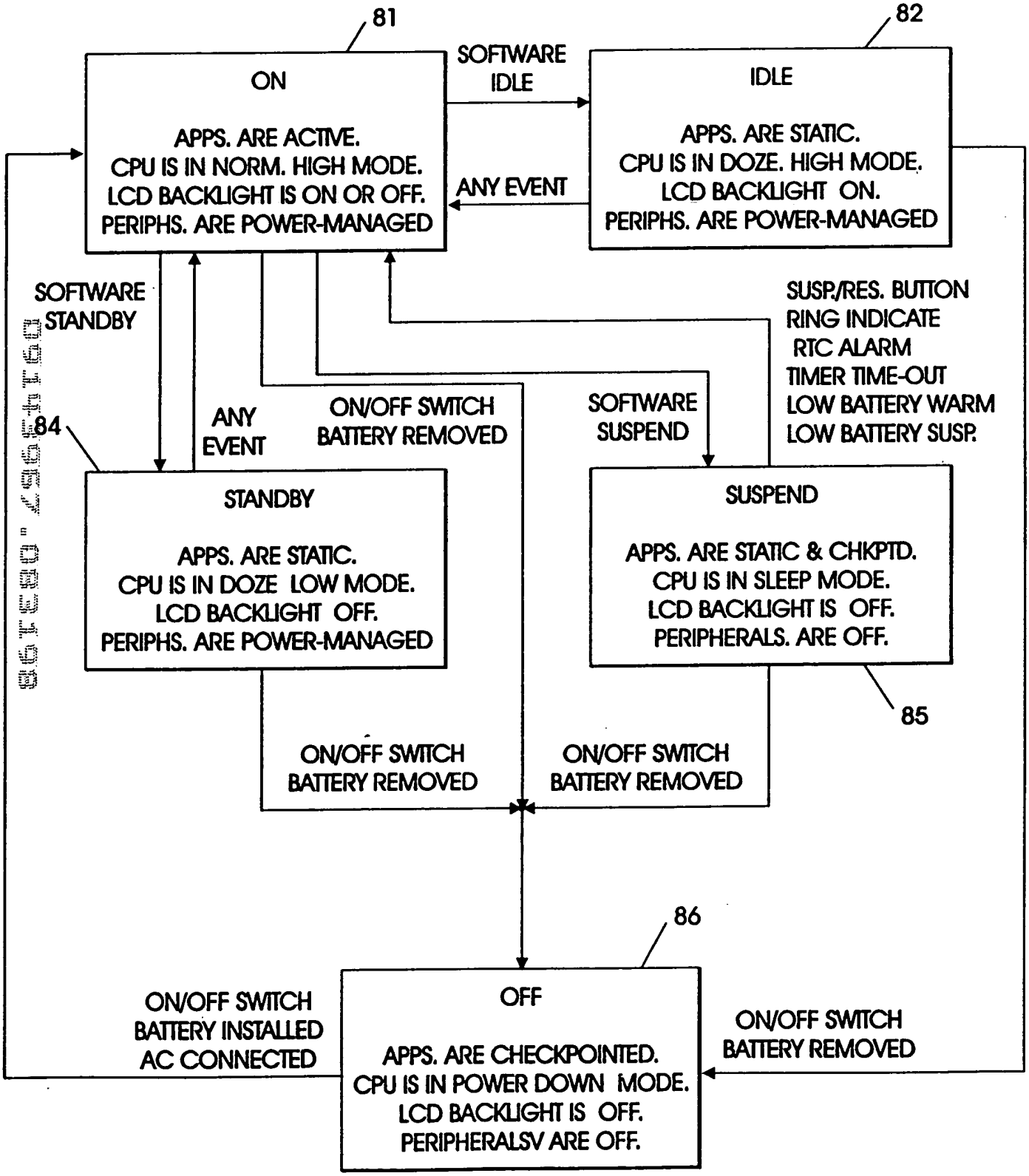
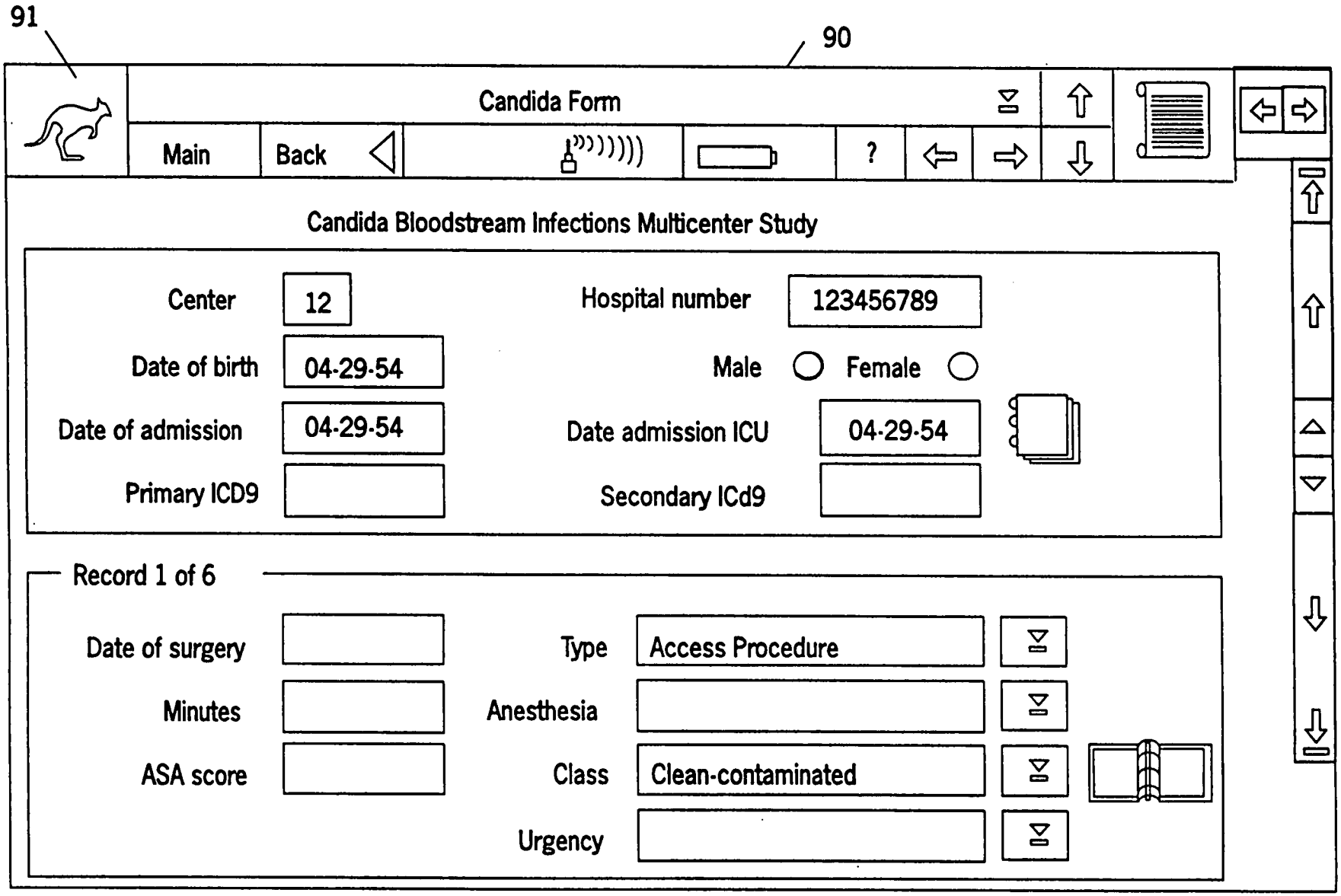

78
ACTIVE
HOLSTER PERIPH. LED IS OFF.
COMPUTER LED IS ON.
LCD IS ACTIVE.
FULL ACTIVE
HOLSTER PERIPH. LED IS ON.
COMPUTER LED IS ON.
LCD IS ACTIVE.
75
SOFTWARE STANDBY
SOFTWARE SUSPEND
USER ENENTS
SUSP./RES. BUTTON
RING INDICATE
ALARM TIMEOUT
LOW BATTERY
TIMER TIMEOUT
81
STANDBY
HOLSTER PERIPH. LED IS OFF.
COMPUTER LED IS ON.
LCD IS OFF.
FULL STANDBY
HOLSTER PERIPH. LED IS ON.
COMPUTER LED IS OFF.
LCD IS OFF.
TIMER TIME-OUT
79
SUSPEND
HOLSTER PERIPH. LED IS OFF.
COMPUTER LED IS OFF.
LCD IS OFF.
FULL SUSPEND
HOLSTER PERIPH. LED IS ON.
COMPUTER LED IS OFF.
LCD IS OFF.
80
ON/OFF SWITCH
BATTERY REMOVED
BATTERY DEPLETED
ON/OFF SWITCH
76
OFF
HOLSTER PERIPH. LED IS OFF.
COMPUTER LED IS OFF.
LCD IS OFF.
ON/OFF SWITCH
BATTERY REMOVED
BATTERY DEPLETED
ON/OFF SWITCH
BATTERY REMOVED
BATTERY DEPLETED
HOLSTER PERIPH.
HOLSTER PERIPH. LED IS ON.
COMPUTER LED IS OFF.
LCD IS OFF.

FIG. 7


81
ON
APPS. ARE ACTIVE.
CPU IS IN NORM. HIGH MODE.
LCD BACKLIGHT IS ON OR OFF.
PERIPHS. ARE POWER-MANAGED
SOFTWARE IDLE
ANY EVENT
82
IDLE
APPS. ARE STATIC.
CPU IS IN DOZE. HIGH MODE.
LCD BACKLIGHT ON.
PERIPHS. ARE POWER-MANAGED
SOFTWARE STANDBY
ANY EVENT
ON/OFF SWITCH
BATTERY REMOVED
SOFTWARE SUSPEND
SUSP./RES. BUTTON
RING INDICATE
RTC ALARM
TIMER TIME-OUT
LOW BATTERY WARM
LOW BATTERY SUSP.
84
STANDBY
APPS. ARE STATIC.
CPU IS IN DOZE LOW MODE.
LCD BACKLIGHT OFF.
PERIPHS. ARE POWER-MANAGED
SUSPEND
APPS. ARE STATIC & CHKPTD.
CPU IS IN SLEEP MODE.
LCD BACKLIGHT IS OFF.
PERIPHERALS. ARE OFF.
85
ON/OFF SWITCH
BATTERY REMOVED
ON/OFF SWITCH
BATTERY REMOVED
86
OFF
APPS. ARE CHECKPOINTED.
CPU IS IN POWER DOWN MODE.
LCD BACKLIGHT IS OFF.
PERIPHERALSV ARE OFF.
ON/OFF SWITCH
BATTERY INSTALLED
AC CONNECTED
ON/OFF SWITCH
BATTERY REMOVED

86T680 Z96Eh160

FIG. 8



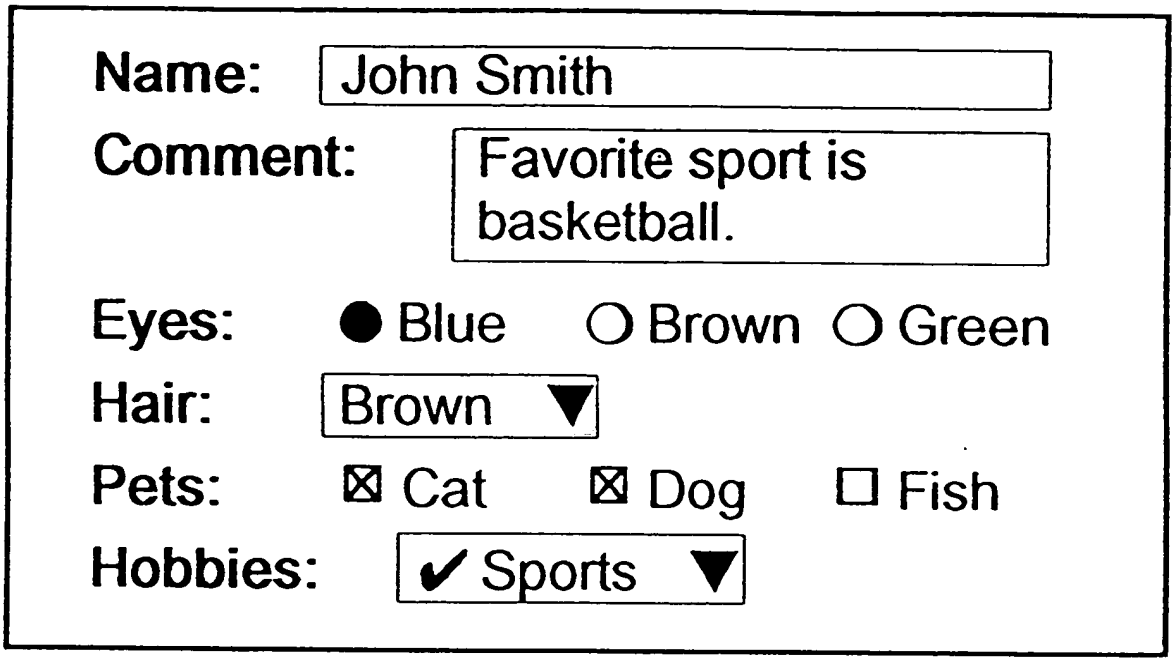

Name:
John Smith
Comment:
Favorite sport is basketball.
Eyes:
Blue
Brown
Green
Hair:
Brown
Pets:
Cat
Dog
Fish
Hobbies:
Sports

FIG. 9

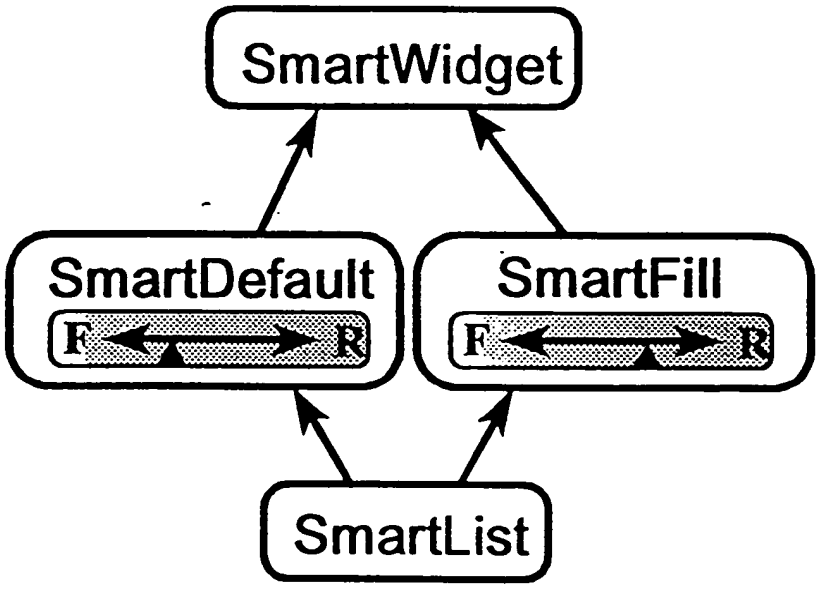
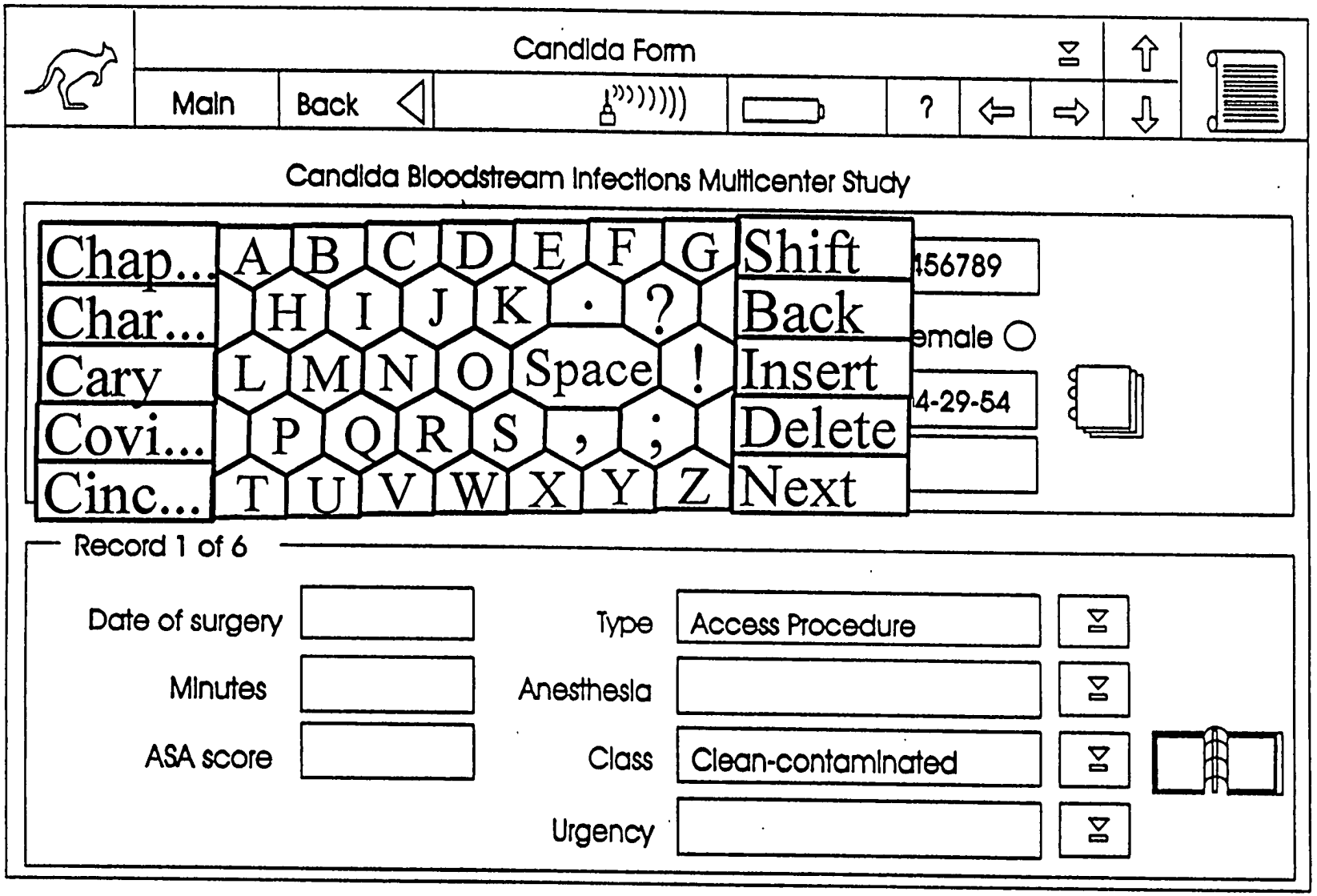

SmartWidget
SmartDefault
F
R
SmartFill
F
R
SmartList

FIG. 10

96T680 Z96Ch160

FIG. 11



10/11
RP9-96-017

n	Item	b=1		b=4		b=10	
		w	W	w	W	w	W
0	Champion	1.00	1.33	1.00	1.67	1.00	1.83
1	Bertram	0.50	0.95	0.80	1.87	0.91	2.39
2	(Champion)	0.33		0.67		0.83	
3	(Bertram)	0.25		0.57		0.77	
4	(Bertram)	0.20		0.50		0.71	
5	Brittenham	0.17	0.65	0.44	1.85	0.67	2.96
6	(Brittenham)	0.14		0.40		0.63	
7	(Brittenham)	0.13		0.36		0.59	
8	(Brittenham)	0.11		0.33		0.56	
9	(Brittenham)	0.10		0.31		0.53	

FIG. 12

0950750 '960930